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Bacteria	
ATCC Number: 9637	<input type="button" value="Order this item"/> Price: \$25.00
	Price Note: Preceptrol Non-profit discounts do not apply
Organism:	<i>Escherichia coli</i> (Migula) Castellani and Chalmers
Designations:	[397E; CCM 2024; DSM 1116; IFO 13500; NCIB 8666; NRRL B-766; W]
Depositors:	S.A. Waksman
Biosafety Level:	1 Shipped: freeze-dried
Growth Conditions:	ATCC medium: 3 Nutrient agar (Difco 0001) or nutrient broth (Difco 0003) Temperature: 37C
<u>Related Products</u>	
Descriptions:	diaminopimelate decarboxylase activity [RF9713]
Applications:	assay of: colistin [colimycin] [RF20809] [RF31921] produces: cephalosporins [RF12241] produces: 6-aminopenicillanic acid [RF12066] produces: 6-aminopenicillanic acid amides [RF13188] deacylation of benzyl- and phenoxyethyl penicillin tetrazoles [RF12872] produces cephalosporins by conversion [RF12241]
References:	RF9713: White PJ. The regulation of diaminopimelate decarboxylase activity in <i>Escherichia coli</i> strain w. J. Gen. Microbiol. 96: 51-62, 1976 PubMed: 77030579 RF12066: Huang HT and English AR. Production of 6-aminopenicillanic acid. U.S. Pat. 3,239,427 dated Mar. 8, 1966 RF12241: Takahashi T et al. Method for the production of cephalosporins. U.S. Pat. 3,945,888 dated Mar. 23, 1976 RF12872: Hamsher JJ. Enzymatic deacylation of benzyl- and phenoxyethyl penicillin tetrazoles. U.S. Pat. 3,905,868 dated Sep. 16, 1975 RF13188: Huang HT. 6-Aminopenicillanic acid amide production. U.S. Pat. 3,088,880 dated May 7, 1963 RF16122: Science 114: 459, 1951 RF19827: Analyst 88: 694-701, 1963 RF20809: Biological assay of antibiotics. Br. Pharmacopoeia 1993, v.2: Appendix XIV A, pp. A165-A169, 1993

RF31921: Microbiological assay of antibiotics. Eur. Pharmacopoeia, 3rd ed., EP 2.7.2, 1997

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DATE: Friday, September 20, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L9	L6 same (strain W)	4	L9
L8	L6 same (coli strain W)	0	L8
L7	L6 same (E.coli strain W)	0	L7
L6	ATCC 9637	114	L6
L5	ATCC9637	0	L5
L4	L3 and ATCC	3	L4
L3	L1 near5 (strain W)	6	L3
L2	L1 near5 W	170	L2
L1	((Escherichia coli) or (E. coli))	29545	L1

END OF SEARCH HISTORY